

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A touch panel for a display device having a driver IC, comprising:

upper and lower substrates;

first and second transparent electrodes on opposing surfaces of the upper and lower substrates;

a plurality of metal electrodes in a circumference of the first and second transparent electrodes; and

a flexible printed cable having a plurality of signal applying lines extended from the upper and lower substrates to a rear side of the display device for applying signal voltages to the metal electrodes, wherein the flexible printed cable is bent ~~at a corner~~ over an edge of the upper and lower substrates from a top to a bottom of the display device, and has a first part extended from the edge corner of the display device to connect the signal applying lines to the plurality of metal electrodes and a second part extended from the first part and overlapping the driver IC, the first and second parts being perpendicular to each other.

2. (Currently Amended) The touch panel of claim 1, wherein the flexible printed cable has a plurality of through-holes between the first part and the second part of ~~before the flexible printed cable overlaps the driver IC.~~

3. (Currently Amended) The touch panel of claim 1, wherein some of the plurality of signal applying lines on a ~~of the~~ lower surface of the first part of the flexible printed cable reach ~~an~~ ~~are disposed on the~~ upper surface of the second part of the flexible printed cable by through-holes.

4. (Original) The touch panel of claim 1, wherein the flexible printed cable extends through the driver IC of the display device to be connected to a printed circuit board.

5. (Currently Amended) The touch panel of claim 3, wherein the signal applying lines for applying signals to the metal electrodes on the upper substrate are printed on the upper surface of the first part of the flexible printed cable, and the signal applying lines for applying

signals to the metal electrodes on the lower substrate are printed on the lower surface of the first part of the flexible printed cable.

6. (Original) The touch panel of claim 1, wherein the metal electrodes include:
first and second metal electrodes being electrically connected to the first transparent electrode in the circumference of the first transparent electrode along the X-axis direction, and
third and fourth metal electrodes being electrically connected to the second transparent electrode in the circumference of the upper and lower sides on the second transparent electrode along the Y-axis direction.

7. (Original) The touch panel of claim 6, wherein the first, second, third, and fourth metal electrodes are connected to the first, second, third, and fourth signal applying lines.

8. (Original) The touch panel of claim 1, wherein the display device is a liquid crystal display device.

9. (Currently Amended) A method of fabricating a touch panel for a display device having a driver IC, comprising:

forming upper and lower substrates;

forming first and second transparent electrodes on opposing surfaces of the upper and lower substrates;

forming a plurality of metal electrodes in a circumference of the first and second transparent electrodes; and

forming a flexible printed cable having a plurality of signal applying lines extended from the upper and lower substrates to a rear side of the display device for applying signal voltages to the metal electrodes, wherein the flexible printed cable is bent ~~at a corner~~ over an edge of the upper and lower substrates from a top to a bottom of the display device, and has a first part extended from the ~~edge corner~~ edge corner of the display device to connect the signal applying lines to the plurality of metal electrodes and a second part extended from the first part and overlapping the driver IC, the first and second parts being perpendicular to each other.

10. (Currently Amended) The method of claim 9, wherein the flexible printed cable has a plurality of through-holes between the first part and the second part of ~~before the flexible printed cable overlaps the driver IC.~~

11. (Currently Amended) The method ~~touch-panel~~ of claim 9, wherein some of the plurality of signal applying lines ~~of the~~ on a lower surface of the first part of the flexible printed cable reach an ~~are disposed on the~~ upper surface of the second part of the flexible printed cable by through-holes.

12. (Currently Amended) The method ~~touch-panel~~ of claim 9, wherein the flexible printed cable extends through the driver IC of the display device to be connected to a printed circuit board.

13. (Currently Amended) The method ~~touch-panel~~ of claim 11, wherein the signal applying lines for applying signals to the metal electrodes on the upper substrate are printed on the upper surface of the first part of the flexible printed cable, and the signal applying lines for applying signals to the metal electrodes on the lower substrate are printed on the lower surface of the first part of the flexible printed cable.

14. (Currently Amended) The method ~~touch-panel~~ of claim 9, wherein the metal electrodes include:

first and second metal electrodes being electrically connected to the first transparent electrode in the circumference of the first transparent electrode along the X-axis direction, and
third and fourth metal electrodes being electrically connected to the second transparent electrode in the circumference of the upper and lower sides on the second transparent electrode along the Y-axis direction.

15. (Currently Amended) The method ~~touch-panel~~ of claim 14, wherein the first, second, third, and fourth metal electrodes are connected to the first, second, third, and fourth signal applying lines.

16. (Currently Amended) The method ~~touch panel~~ of claim 9, wherein the display device is a liquid crystal display device.